

# Green Mountain

BOILERS

- Available in 9 sizes from 75 to 299 Mbh.
- Dependable Cast Iron Heat Exchanger with Cast Iron Push Nipples. The Sections and Push Nipples expand at the same rate when heated. By using similar materials instead of less expensive gaskets, the boiler maintains a water tight seal over time.
- LWCO (Probe Type), Pressure High Limit Control, Pressure Gauge, Gauge Glass.
- Atmospheric Chimney Vent Boiler with Integral Draft Hood and Vent Damper. Low profile compact design makes it ideal for low clearance installations.
- Brass/copper pig tail siphon for long life.
- 12 Year Limited Warranty (Residential Applications).

# GMGS SERIES

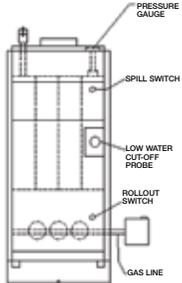
## Gas Fired Steam Boiler

Up to 82.7% AFUE Gas Fired Steam Boiler



**As rugged as the outdoors...  
for dependable comfort every day.**

# Green Mountain GMGS Series Residential Gas Fired Steam Boiler

Dimensional Diagram	Model	Input Rate Nat./LP (MBH) <sup>(1)</sup>	Heating Capacity Nat./LP (MBH) <sup>(1)</sup>	Net AHRI Rating <sup>(2)</sup> Nat./LP			No. of Sec.	Vent Pipe Size	AFUE %																					
				Steam (PPF)	Steam (Sq. Ft.)	Steam (MBH)																								
 <p>Front</p>	GMGS075E	75/70	62/58	1.33	196/183	47/44	3	5"	82.7%																					
	GMGS112E	112/105	91/85	1.33	283/267	68/64	4	6"	82.0%																					
	GMGS150E	150/140	122/114	1.33	383/358	92/86	5	6"	82.0%																					
	GMGS187E	187/175	153/143	1.33	479/446	115/107	6	7"	82.0%																					
	GMGS225E	225/210	183/171	1.33	571/533	137/128	7	7"	82.0%																					
	GMGS262E	262/245	214/200	1.33	671/625	161/150	8	7"	82.0%																					
	GMGS299E	299/280	245/229	1.33	767/717	184/172	9	7"	82.0%																					
<p>Heating Capacity and AFUE are based on DOE (Department of Energy) test procedures.            (1) Input rating for sea level to 2,000 ft. above sea level. Altitudes over 2000 ft. above sea level, reduce input rate 4% for every 1000 ft.            (2) Net AHRI steam ratings shown are based on a piping and pickup allowance of 1.333. Consult manufacturer before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.</p>																														
<p><b>General Information</b> (See Installation, Operation and Maintenance Manual for complete instructions)</p> <table border="1"> <thead> <tr> <th rowspan="2">Clearances Required distances measured from boiler.</th> <th colspan="2">Combustible Materials (Required)</th> </tr> </thead> <tbody> <tr> <td>Top</td> <td colspan="2">6" (152 mm)</td> </tr> <tr> <td>Left Side (Control Side)</td> <td colspan="2">7" (178 mm)</td> </tr> <tr> <td>Right Side</td> <td colspan="2">6" (152 mm)</td> </tr> <tr> <td>Front</td> <td colspan="2">Alcove*</td> </tr> <tr> <td>Back</td> <td colspan="2">6" (152 mm)</td> </tr> <tr> <td>Flue Connector</td> <td colspan="2">6" (152 mm)</td> </tr> </tbody> </table> <p>*Definition of Alcove is three sided space with no wall in front of boiler. ANSI standard for alcove is 18 inches from appliance to leading edge of side walls as shown in</p>										Clearances Required distances measured from boiler.	Combustible Materials (Required)		Top	6" (152 mm)		Left Side (Control Side)	7" (178 mm)		Right Side	6" (152 mm)		Front	Alcove*		Back	6" (152 mm)		Flue Connector	6" (152 mm)	
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<p><b>Connections (All Models)</b> Return/Supply Tappings 2-1/2" NPT, Gas In 075/112.5/150 1/2" NPT, 187.5/225/262.5/299 3/4" NPT</p>																														
<p><b>Electrical</b> 120 Volts AC, 60 hertz, 1 phase, Less than 12 amps (15 amp circuit recommended)</p>																														
<p>Left Side</p>	<b>Dimensions/ Weights</b>		<b>Model</b>	<b>A (Width)</b>	<b>Weight</b>																									
			GMGS075E	11-1/4"	297 lbs.																									
			GMGS112E	14-1/2"	368 lbs.																									
			GMGS150E	17-3/4"	440 lbs.																									
			GMGS187E	21"	512 lbs.																									
			GMGS225E	24-1/4"	584 lbs.																									
			GMGS262E	27-1/2"	659 lbs.																									
		GMGS299E	30-3/4"	736 lbs.																										
<p>Right Side</p>	<p><b>Standard Equipment</b></p> <p>Boiler Control Module: Electronic Low Water Cut-Off with 3/4" Probe, Pressure Limit Control, Steam Pressure Gauge and Glass Water Level Gauge.            Heat Exchanger: Cast Iron Sections with Cast Iron Push Nipples.            Combustion: Completely installed and wired gas control system consisting of: Titanium Composite Burners, Gas Manifold with Orifices, Automatic Redundant Combination Gas Valve, 24 Volt, with Pilot Filter and Regulator, Intermittent Pilot Control, Continuous Retry 100% Shut-Off; Combination Pilot Burner/Electrode/Flame Sensor and Integral Draft Diverter.            Electrical: 24 Volt Transformer.            Safety: Flame Roll-Out Safety Shut-Off Fuse Link (Roll-Out Switch) and Blocked Vent Safety Shut-Off Manual Reset Disc Thermostat (Spill Switch) with Spare Fuse Link included.            Other: Assembled Boiler with Insulated Jacket, 3/4" Boiler Drain Valve, 15 psi ASME Pop Safety Valve, (2) 2 1/2" Supply Tappings and (2) 2 1/2" Return Tappings (2) 2 1/2" Square Head Pipe Plugs - to plug unused supply and return tappings.</p>																													
	<p><b>Options</b> Both Natural Gas or LP models available. Other options include: Electronic Water Feeder and Combustible Floor Plate.</p>																													
	<p><b>Certifications</b></p> <div style="display: flex; justify-content: space-around; align-items: center;">    </div>																													

All ratings and specifications subject to change.

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